

## MEMBRANE PROBING SYSTEM

## ABSTRACT

A membrane probing assembly includes a probe card with conductors supported thereon, wherein the  
5 conductors include at least a signal conductor located between a pair of spaced apart guard conductors. A membrane assembly includes a membrane with contacts thereon, and supporting at least a signal conductor located between a pair of spaced apart guard conductors.  
10 The guard conductors of the probe card are electrically interconnected proximate the interconnection between the probe card and the membrane assembly. The guard conductors of the membrane assembly are electrically interconnected proximate the interconnection between the  
15 probe card and the membrane assembly.

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